|   | Index of Claims |   |                |                 |          |                    |                    |                              |          |            |          |          |  | Application No. |          |                |          |             |          |          |               |                |  |          | Applicant(s) |                     |           |          |   |   |   |  |  |
|---|-----------------|---|----------------|-----------------|----------|--------------------|--------------------|------------------------------|----------|------------|----------|----------|--|-----------------|----------|----------------|----------|-------------|----------|----------|---------------|----------------|--|----------|--------------|---------------------|-----------|----------|---|---|---|--|--|
|   |                 |   |                |                 |          |                    |                    |                              |          |            |          |          | 10/010,937                                     |                 |          |                |          |             |          |          |               | BARANDA ET AL. |  |          |              |                     |           |          |   |   |   |  |  |
| l |                 |   |                |                 | Examiner |                    |                    |                              |          |            |          |          |  |                 | Art Unit |                |          |             |          |          |               |                | _  |          |              |                     |           |          |   |   |   |  |  |
|   | ·               | I ATTEN ATT OF THE CONTRACTOR |                |                 |          |                    |                    |                              |          |            |          |          |  |                 |          | Marcus Charles |          |             |          |          |               |                |  |          |              | 3682                |           |          |   |   |   |  |  |
|   |                 |   |                |                 |          |                    |                    |                              |          |            |          |          | <u>all                                    </u> |                 |          |                |          |             |          |          |               | П              | <del>                                     </del> |          |              |                     |           |          |   |   |   |  |  |
|   | √ Rejected —    |   |                |                 |          |                    |                    | (Through numers<br>Cancelled |          |            |          |          | N Non-El                                       |                 |          |                |          | -Ele        | ect      | ted      |               |                | Appeal   |          |              |                     |           |          |   |   |   |  |  |
|   |                 |   |                |                 |          | •                  |                    | Restricted                   |          |            |          | i        |  |                 |          | ı              | inte     | rfer        | 91       | CO       |               | 0              | (  | ОЫ       | ect          | ed                  |           |          |   |   |   |  |  |
| ۱ | Ciaim           | Claim Date  |                |                 |          |                    |                    |                              | Claim    |            |          |          |  | Date            |          |                | )        |             |          | Ctaim    |               |                | Date   |          |              |                     |           | <b>¬</b> |   |   |   |  |  |
| l |                 | Ŋ   | 4 - 4          |                 |          | Τ                  | Τ                  |                              |          |            | П        | ٦        | T  | Ť               | Ť        | T              | П        | П           | 1        |          | $\overline{}$ |                | Т  | Τ        | T            | Ť                   | П         | Т        | 1 |   |   |  |  |
|   | Final           | 11/1/2  |                | 3/20/66         |          |                    |                    |                              | Final    | Original   |          |          |  |                 |          |                |          |             | 1        | Final    | Original      |                |  |          |              |                     | ŀ         |          |   |   |   |  |  |
| l |                 | 1   |                | M               | $\Box$   | #                  |                    | ļ                            |          | 51         | Ħ        | #        | #  | İ               | L        | 土              |          | Ħ           | ŀ        |          | 101           | Ц              | 土  | 土        | t            |                     | $\exists$ | $\pm$    | d |   |   |  |  |
| l | 3               | 1   | 1              | ╫               | +        | ╁                  | H                  | <b> </b> -                   | $\dashv$ | 52<br>53   | Н        | ╁        | +  | ╁               | ╀        | ╁              | ╂┤       | Н           | ł        |          | 102<br>103    | Н              | +  | +        | $\vdash$     | $\vdash$            | Н         | 7        | 7 |   |   |  |  |
| l | 4               | 0   | 킹              | $\prod$         | П        | Ŧ                  | H                  | F                            |          | 54<br>55   | П        | 7        | 7  | T               | L        | 1              |          |             | 1        |          | 104           | ⇉              | #  | 1        |              |                     |           | #        | ⇉ |   |   |  |  |
| l | 6               | 0   | o              | Ш               |          | 土                  | $\Box$             | ĿŁ                           |          | 56         | Н        | 1        | $\pm$  | 士               | t        | $\pm$          | Н        | $\dashv$    | ŀ        |          | 105<br>106    | H              | ╁  | ╁        | ┝            | Н                   | H         | +        | 4 |   | i |  |  |
| l | $\frac{1}{8}$   | 00  | 00             | ₩               | H        | Ŧ                  | Н                  | . [                          | _        | 57<br>58   | П        | 7        | 7  | F               | F        | T              | П        | $\exists$   | ļ        |          | 107           | Ħ              | 1  | 1        |              |                     | コ         | #        | 1 |   |   |  |  |
| K | 9               | I   | لزلز           | 17              |          | 丰                  |                    |                              |          | 59         |          | 1        | 土  |                 | L        | 士              |          | <u> </u>    | ł        | _        | 108<br>109    | $\vdash$       | +  | ╁        | Н            | Н                   | +         | +        | ┥ |   |   |  |  |
| ľ | 1 10            | X   | ဘ              | K               | ₩        | ╀                  | Н                  | ᅪ                            | $\dashv$ | 60<br>61   | H        | +        | +  | $\vdash$        | F        | $\perp$        | Н        | 7           | -        |          | 110           | $\Box$         | Ŧ  | Ţ        |              |                     | $\Box$    | #        | ] |   |   |  |  |
|   | 122             | X   | X              |                 |          | 1                  |                    | / [                          | $\Box$   | 62         |          | #        | 丰  |                 |          | L              | 口        | ╛           | t        | _        | 112           | $\pm$          | $\pm$  | $\pm$    | $\vdash$     |                     | $\forall$ | $\pm$    | ┪ |   |   |  |  |
| l | 14              |   | ×ν             | X               | $\Box$   | +-                 | Н                  | ۱                            | $\dashv$ | 63<br>64   |          | ╁        | ╁  | ╁               | ┞        | ╀              | Н        |             | -        |          | 113           | $\dashv$       | Ŧ  | +        | Н            |                     | $\Box$    | Ŧ        | 7 |   | ı |  |  |
|   | 15              | 7   | ᅫ              |                 | H        | $oldsymbol{\perp}$ | П                  | v F                          | 4        | 65         |          | 1        | Ţ  |                 |          | 二              | 口        |             | ļ        | _        | 115           | ightharpoons   | $^{\dagger}$                                     | t        | Ħ            |                     | $\perp$   | $\pm$    | 1 |   |   |  |  |
| I | 17              | ा   | 19             | Ш               | 土        | 土                  | Н                  | ∵Ł                           |          | 66<br>67   | +        | ╁        | ┿  | $\vdash$        | ┝        | ╁              | Н        | ┥           | ŀ        |          | 116<br>117    | +              | +  | ╁        | Н            |                     | +         | Ŧ        | 7 |   |   |  |  |
|   | 18              | 위   | 캐              | ₩               | H        | F                  | П                  | F                            | $\dashv$ | 68<br>69   | $\dashv$ | Ŧ        | Ŧ  |                 | Ш        | L              | П        |             |          |          | 118           | #              | #  | I        |              |                     | 士         | 1        | 1 |   | ı |  |  |
| l | 20              | V   | খা             |                 |          |                    | H                  | . <u> </u>                   |          | 70         | 士        | $\pm$    | 土  |                 | L        | $\vdash$       | Н        | ┪           | ŀ        | _        | 119<br>120    | +              | ┿  | ╀        | Н            | -                   | +         | +        | 4 |   | 1 |  |  |
| ĺ | 21              | -   |                | #-              | ╀        | +                  | Н                  |                              |          | 71<br>72   | $\bot$   | Ŧ        | Ŧ  | П               |          |                | $\Box$   | 7           | Ţ        |          | 121           | 丰              | ļ  | I        |              | $\exists$           | 士         | 1        | 1 |   | 1 |  |  |
| l | 23              | ▣   | 91.            |                 |          |                    | Ħ                  |                              | $\bot$   | 73         | 士        | $\pm$    | $\pm$  | Н               |          | -              | $\vdash$ | ┥           | +        | _        | 122<br>123    | +              | ┿  | +        | Н            | +                   | +         | ╀        | ┨ |   | ١ |  |  |
|   | 24              | 닍   | N<br>X<br>X    | <u> </u>        | +        | $\vdash$           | Н                  | -                            |          | 74<br>75   | 4        | Ŧ        | +  | П               | _        |                | $\Box$   | ⊒.          | F        |          | 124           | #              | #  | I        |              |                     | 士         | 1        | 1 |   | ١ |  |  |
| l | 26              | Ξ   | 37             | 1               |          |                    | Ц                  | Ľ                            | $\Box$   | 78         | $\pm$    | $\pm$    | $\pm$  | Н               |          |                | $\dashv$ | $\dashv$    | ነ        | $\dashv$ | 125<br>126    | ╁              | ╁  | +        | Н            | +                   | +         | +        | - |   | ١ |  |  |
|   | 27              | =   | ₩              | +               | +        | Н                  | Н                  | :\-                          |          | 77<br>78   | +        | Ŧ        | _  | П               |          | П              | I        | 7           | Ţ        |          | 127           | 丰              | 丰  |          |              | コ                   | 1         | 土        | 1 |   | ı |  |  |
|   | 29              | $\Box$  | #              |                 |          |                    | $  \exists \cdot $ | Ŀ                            |          | 79         | $\pm$    | $\pm$    | $\pm$  | Н               |          | Н              | +        | +           | ł        | ᅱ        | 128<br>129    | ┿              | ╁  | Н        | Н            | $\dashv$            | ╁         | ╀        | ┨ |   | ł |  |  |
|   | 30              | $\dashv$  | +              |                 | +        | Н                  | 4                  | +                            |          | 80<br>81   | ╬        | +        | $\perp$  | Н               | _        | П              | $\dashv$ | ]∶          | F        |          | 130           | 7              | T  | П        | $\Box$       | コ                   | #         | 土        | 1 |   | ١ |  |  |
|   | 32              | $\Box$  | $\Box$         |                 | 1        | П                  | コ                  |                              | I        | 82         | 土        | 上        |  | Н               |          | Н              |          | <b>-</b>  . | ŀ        |          | 131           | ╁              | ┿  | Н        | $\dashv$     | +                   | +         | ╀        | 1 | • |   |  |  |
|   | 33              | +   | ╫              | ╫┤              | +        | H                  | $\dashv$           | $\vdash$                     |          | 83  <br>84 | +        | +        | +  | Н               | _        | П              | $\dashv$ | ٦           | F        |          | 133           | 7              | I  |          | $\sqsupset$  | $\rightrightarrows$ | 1         | 土        | 1 |   | I |  |  |
|   | 35              | 7   | Ш              |                 | 1        | П                  | ٦.                 |                              |          | 85         | #        | 上        |  | Ц               |          | Н              | $\pm$    | ₫.          | Ł        |          | 134           | +              | ╁╴   | Н        | $\dashv$     | ╁                   | +         | ╁        | 1 |   | 1 |  |  |
|   | 37              | +   |                | ╂╂╂             | ╁        | Н                  | $\dashv$           | +                            | _        | 86<br>87   | +-       | ╀        | ╀  | Н               | _        | Н              | 4        | 7.          | F        | $\dashv$ | 136           | Ţ              | T  | П        | コ            | コ                   | 1         | I        | 1 |   | ١ |  |  |
|   | 38              | Π,  | <del>/</del> W | $\prod$         | 1        | П                  | コ                  | Ė                            |          | 88         | #        | t        |  |                 |          |                | $\pm$    | ₫:          | L        |          | 137<br>138    | $\pm$          | ╁  | Н        | ╅            | +                   | +         | ╁        | ł |   | ľ |  |  |
|   | 40              | 士   |                | <del>'</del>  - | +        | Н                  | $\dashv$           | ├                            |          | 89<br>80   | +        | ╄        | Н  | +               | -        | $\dashv$       | +        | 7           | F        | $\dashv$ | 139           | Ţ              |  | П        | $\dashv$     | 7                   | #         | 丰        | 1 |   | ۱ |  |  |
|   | 41              | Ŧ   | $\Box$         | $\square$       | T        | 口                  | $\exists$          | F                            | 1        | 91         | #        | t        | $\Box$   | #               |          |                | 士        | 1           | L        |          | 140<br>141    | 士              | t  | Н        | $\pm$        | $\pm$               | ╁         | +        | 1 |   |   |  |  |
|   | 43              | 士   | #              |                 |          | 버                  | _                  | 1                            |          | 32         | +        | ╁        | H  | +               | 4        | 4              | +        | +           | F        |          | 142           | Ŧ              | Н  | Ц        | 7            | 7                   | Ŧ         | L        | } | - | ľ |  |  |
|   | 44              | +   | + [            | +               | +        | H                  | 7                  | F                            |          | 4          | Ŧ        | L        | 口  | #               | ╛        | コ              | #        | 1           | E        | $\Box$   | 144           | 土              | Ħ  | 廿        | 士            | 士                   | 士         | $\vdash$ | 1 |   | l |  |  |
|   | 48              | #   | ##             | #               | 力        |                    | ٦,                 |                              | <u> </u> | 5          | +        | $\vdash$ | Н  | +               | +        | +              | +        | ┨           | $\vdash$ | _        | 145<br>146    | +              | H  | $\dashv$ | 7            | +                   | F         | F        |   |   |   |  |  |
|   | 47              | +   | ╁┼             | ++              | +        | 4                  | 4                  | F                            | _        | 7          | Ŧ        | F        | 口  | 7               | 1        | $\dashv$       | #        | 1           | 匚        |          | 147           | 丰              | 口  | 士        | $\pm$        | #                   | 上         | Ħ        |   |   | ĺ |  |  |
|   | 49              | ‡   | $\Box$         | $\mp$           | 坩        | 士                  |                    |                              | 9        | 9          | $\pm$    | H        | H  | +               | +        | $\dashv$       | +        | $\  \ $     | ┝        |          | 148<br>149    | ╁              | H  | +        | +            | ╀                   | +         | П        |   | 1 |   |  |  |
|   | 50              | Щ.  | ىلىد           |                 |          |                    | J                  |                              | 110      | 20         | Ι        |          | П  | T               | T        | T              | 十        | 1           | Г        |          | 150           | +              | Н  | 十        | ╈            | ╅                   | +         | Н        |   |   | ı |  |  |